

**From:** BOLING Brian  
**To:** [McClintock, Katie](#)  
**Subject:** RE: two articles and the stack test  
**Date:** Sunday, March 06, 2016 7:29:34 PM

---

Thank you for the information. You will be getting called in for help on drafting some language for agreement. The three points we talked about ,cleaning stack, emissions test on worst case, on going reporting, looks to be going in. Feel free to give me a call and I vam fill you in

Sent from a mobile device. Please excuse brevity and typos.

Brian Boling  
Oregon DEQ Laboratory  
Laboratory Program Manager  
Boling.brian@deq.state.or.us<<mailto:Boling.brian@deq.state.or.us>>  
Office: 503.693.5745<tel:503.693.5745>  
Cell: 503.593.6747<tel:503.593.6747>

----- Original message -----

From: "McClintock, Katie" <McClintock.Katie@epa.gov>  
Date: 03/06/2016 4:59 PM (GMT-05:00)  
To: BOLING Brian <BOLING.Brian@deq.state.or.us>  
Subject: two articles and the stack test

Not sure if you have any time for light reading before 4, but in case they are useful, here are two articles on chrome (one on formation at temperatures similar to inside the furnaces, glass furnaces are about 2500 F) and the other is an ambient hex chrome study in r7. I am also attaching the stack test for chrome VI on the Ardagh Seattle plant in case that is useful to you. It shows the stack temperature and that 98.5% was filterable.

Good luck. Let me know if you need anything. I'll be curious to hear how it all turns out.

Katie McClintock  
Air Enforcement Officer  
EPA Region 10  
1200 Sixth Avenue, Suite 900, OCE-101  
Seattle, WA 98101  
Phone: 206-553-2143  
Fax: 206-553-4743  
[Mcclintock.katie@epa.gov](mailto:Mcclintock.katie@epa.gov)